

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant(s):** Lixin Zhao  
**Title:** CMOS image sensor with substrate noise barrier  
**Serial No.:** 10/619,033  
**Confirmation No.:** 6392  
**Filing Date:** 07/10/2003  
**Examiner:** William M. Brewster  
**Group Art Unit:** 2823  
**Docket No:** SVPA-011

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September 22, 2004

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Response to Final Office Action**

Dear Sir:

In response to the Office Action dated 08/31/2004, the Applicant respectfully requests the Examiner to enter the following amendments and reconsider the pending claims in view of the following remarks.

**AMENDMENTS TO THE SPECIFICATION** begin on page 2.

**AMENDMENTS TO THE CLAIMS** are reflected in the listing of claims which begins on page 3 of this Amendment.

**REMARKS/ARGUMENTS** begin on page 7 of this Response.